



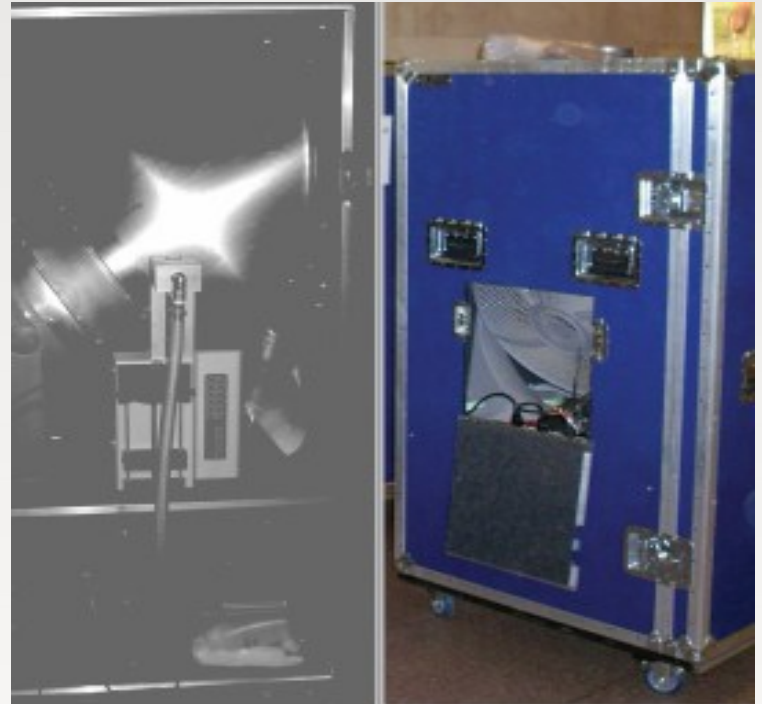
TECHNOLOGY READINESS LEVEL: 9

TECHNOLOGY HAS BEEN APPLIED AND UTILIZED OPERATIONALLY.

US PATENT # 8,020,726

TECHNOLOGY SUMMARY

Sandia researchers have developed a method and apparatus for dispersing powder material with a size range down to about a micron at a rate of 170/mg per minute. It can employ an air eductor, which can subject particles to high shear in order to break apart agglomerates. The dispersion system can be housed in a case with wheels to facilitate portability. The housing can also keep the unit and contents clean in a controlled environment while directing the particulate flow away from the ground.



Powder Dispersion System

POTENTIAL APPLICATIONS

- Pharmaceuticals
- Greater Efficiency
- Advanced Feeding Mechanism
- Advanced Powder Dispersion

TECHNOLOGICAL BENEFITS

- Improvement of Overall Channel Capacity
- Improved Signal-to-Noise Ratio
- Simplification of Signal Receiving Method

TECHNOLOGY INQUIRY?

For more information or licensing opportunities contact us at

ip@sandia.gov

or visit

<https://ip.sandia.gov>